

Title (en)
SOUND SUPPRESSING GUN BARREL

Title (de)
WAFFENLAUF MIT SCHALLUNTERDRÜCKUNG

Title (fr)
CANON D'ARME DE SUPPRESSION DE SON

Publication
EP 3314194 A4 20190220 (EN)

Application
EP 16815280 A 20160623

Priority
• US 201514752041 A 20150626
• US 2016038976 W 20160623

Abstract (en)
[origin: US2015338184A1] A gun barrel for guiding a bullet along a longitudinal axis, the bullet having a diameter, the gun barrel having a circumferential series of lands, each land among the circumferential series of lands being radially displaced from the longitudinal axis a distance at least as great as one-half of the bullet's diameter, each land extending helically about the longitudinal axis; a plurality of sound reflection chambers, each sound reflection chambers among the plurality of sound reflection chambers being positioned between an adjacent pair of lands among the circumferential series of lands, each sound reflection chamber having a muzzle end, and each sound reflection chamber opening radially inwardly; and a plurality of sound reflection walls, each wall among the plurality of sound reflection walls closing one of the sound reflection chambers' muzzle ends.

IPC 8 full level
F41A 21/30 (2006.01); **F41A 21/00** (2006.01); **F41A 21/18** (2006.01); **F41A 21/28** (2006.01); **F41A 21/32** (2006.01)

CPC (source: EP IL US)
F41A 21/18 (2013.01 - EP IL US); **F41A 21/30** (2013.01 - EP IL US)

Citation (search report)
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• [1Y] JP S5468100 A 19790531 - YUUKI TADAHIRO
• [YA] US 1435084 A 19221107 - EUGENE SCHNEIDER
• [A] US 3483794 A 19691216 - PACKARD CHARLES F
• [A] FR 513717 A 19210222 - ARMAND ALVARES PENTEADO [FR]
• [A] US 1363058 A 19201221 - SHANAHN T F
• [A] JP 2003302195 A 20031024 - TANAKA KK
• [A] US 786230 A 19050328 - MCCLEAN SAMUEL N [US]
• See also references of WO 2016210101A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2015338184 A1 20151126; US 9874418 B2 20180123; AU 2016281615 A1 20180201; AU 2016281615 B2 20210121; BR 112017027674 A2 20180828; BR 112017027674 B1 20220405; CA 2994383 A1 20161229; CA 2994383 C 20240430; EP 3314194 A1 20180502; EP 3314194 A4 20190220; IL 256586 A 20180228; IL 256586 B 20200130; MX 2017017104 A 20181109; UA 124413 C2 20210915; WO 2016210101 A1 20161229; ZA 201800392 B 20181219

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